Index of Claims

Application/Control No.

09/702,788 Examiner

Kelly L. Jerabek

Applicant(s)/Patent under Reexamination

VERGHESE, GILBERT

Art Unit

2612

| √  | Rejected |
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| 11 | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| o | Objected |

| Claim Date     |        |                  |                |          |           | 11111    | Claim Date |              |          |          |  |          |          |                |          | ווווון    | CI       | aim -    |          | Date     |         |          |       |            |                 |          |          |  |                 |           |          |   |
|----------------|--------|------------------|----------------|----------|-----------|----------|------------|--------------|----------|----------|--|----------|----------|----------------|----------|-----------|----------|----------|----------|----------|---------|----------|-------|------------|-----------------|----------|----------|--|-----------------|-----------|----------|---|
| Claim          |        |                  |                |          |           |          |            |              | LI       |          |  | Date     |          |                |          |           |          |          |          | UI.      |         | Date     |       |            |                 |          |          |  |                 |           |          |   |
| Final          | 20,019 | 10/8/0           | 5/4/05         | 10/31/05 |           |          |            |              |          |          |  | Final    | Original | 6/9/04         | 5/4/05   | 10/31/05  |          |          |          |          |         |          | Final | Original   |                 |          |          |  |                 |           |          |   |
| 1 1            | ٦,     | 1                | <b>7</b>       | =        |           |          | Г          |              |          |          |  |          | 51       | N              | -        | -         |          |          |          |          |         | ]!!!     |       | 101        |                 |          | Τ        |  |                 |           |          |   |
| 2              | : \    | I .              | -              | - [      |           |          |            |              |          |          |  |          | 52       | N              | -        | -         |          | $\Box$   |          |          |         | ]        |       | 102        |                 |          |          |  |                 |           |          |   |
| 3              |        |                  | V              | -        |           |          |            |              |          |          |  |          | 53       | N              | -        | -         |          |          |          |          |         | ]        |       | 103        | Ш               |          | $\perp$  |  | Ш               |           | $\perp$  |   |
| 4              | _      | _                | <b>V</b>       | -        |           |          |            |              | <u> </u> |          |  |          | 54       | N              |          | -         |          |          |          |          |         |          |       | 104        | Ш.              | $\perp$  | ┸        |  | Ш               | _         | $\perp$  |   |
| 2 5            |        |                  | -              | =        |           |          |            | <u> </u>     |          |          |  |          | 55       | N              | -        | -         |          | _        | 4        | _        |         | J        |       | 105        | $\sqcup$        | $\perp$  | _        | L  |                 | _         |          |   |
| 3 6            |        | _                | -              | =        |           |          |            | _            | L        |          |  | 13       | 56       |                | 0        | =         | $\Box$   |          | 4        | _ _      | _ _     |          |       | 106        | $\sqcup$        | $\perp$  | <u> </u> | L  | Ш               | _         |          |   |
| 4 7            |        | _                | -              | =        |           |          | _          |              | <u> </u> | Ц        |  | 14       | 57       | Щ              | 0        | =         | $\sqcup$ | _        | _        | 4        |         | 4        |       | 107        | $\vdash \vdash$ | $\perp$  | +        | _  |                 | $\dashv$  | $\dashv$ | _ |
| 5 8            |        | _                | -              | =        | _         |          | <u> </u>   | _            | _        | Щ        |  | 15       | 58       |                | 0        | =         | $\Box$   |          | -        | _        | -       | -        | -     | 108        | $\vdash$        | _        | ┿        | <u> </u>   | Н               | 4         | $\dashv$ | _ |
| 6 9            |        |                  | -              | =        |           |          | <u> </u>   | <u> </u>     | <u> </u> | Н        |  | 16       | 59       | $\vdash$       | 0        | =         | $\dashv$ |          | $\dashv$ |          | -       | -        |       | 109        | $\vdash \vdash$ | +        | +        | ├  | $\vdash \vdash$ | $\dashv$  | +        | _ |
| 7 10           |        | -                | -              | =        | _         |          | -          |              | <u> </u> |          |  | 17       | 60       | -              | 0        | =         | $\dashv$ | $\dashv$ | $\dashv$ | +        |         | -        |       | 110        | $\vdash$        | +        | +        | ┝  | $\square$       | $\dashv$  | +        | _ |
| 8 11           |        | -                | -              | =        | -         | _        | <u> </u>   | <del> </del> | $\vdash$ | H        |  | 18       | 61       | $\vdash$       | 00       | =         |          | $\dashv$ | $\dashv$ | +        | +       | -        |       | 111<br>112 | -               | +        | +        | $\vdash$   | $\vdash$        | $\dashv$  | +        | _ |
| 9 12           |        |                  | <u>۷</u>       | =        | _         | <u> </u> | $\vdash$   | $\vdash$     | -        | $\vdash$ |  | 19<br>20 | 62<br>63 | $\vdash$       | 0        | =         | $\vdash$ |          | $\dashv$ | +        | +       | 1        |       | 113        |                 | +        | +        | $\vdash$   | H               | $\dashv$  | +        | _ |
| 11 14          |        | -                | 7              | =        |           | _        | $\vdash$   |              | -        | $\vdash$ |  | 20       | 64       | H              | -        | $\exists$ | -        |          | +        | +        | +       | -        |       | 114        | $\vdash$        | +        | ╁        | <del> </del>                                     | H               | $\dashv$  | +        |   |
| 12 15          |        | -                | Ĭ              | =        | _         | _        |            | ├-           | $\vdash$ |          |  | <u> </u> | 65       | H              |          | Н         | $\vdash$ |          | $\dashv$ | +        | +       |          |       | 115        | $\vdash$        | +        | +        | t  | H               | 十         | +        | _ |
| 21 16          |        | -                | =              | =        |           | -        | -          | <del> </del> | ┢        |          |  | <u> </u> | 66       | ├─             | _        | -         | Н        | $\dashv$ | +        |          | +       | ┨Ш       | -     | 116        |                 | +        | +        | ┢  | ╂═╂             | -         |          | _ |
| 22 17          |        | <del>.  </del> - | -+             | =        |           |          |            | <u> </u>     | $\vdash$ |          |  |          | 67       | H              |          |           | Н        | $\dashv$ | _        | $\dashv$ | +       | 1        |       | 117        | H               | $\top$   | +-       | 一  |                 | _         | $\dashv$ |   |
| 23 18          |        | -                | =              | =        | _         |          | $\vdash$   | ╁╴           | $\vdash$ |          |  |          | 68       | $\vdash$       | $\vdash$ |           |          |          |          | $\dashv$ | $\top$  | 1        |       | 118        |                 | +        | +        | $\vdash$   | 1-1             | $\dashv$  | $\dashv$ | _ |
| 24 19          |        | <del></del>      | = 1            | =        |           | _        | Н          | $\vdash$     | $\vdash$ |          |  |          | 69       | -              |          |           |          | $\neg$   | _        |          |         | 1        |       | 119        |                 | $\top$   | $\top$   | t  | $\Box$          | $\dashv$  | 十        | _ |
| 25 20          |        | -                | <b>=</b> †     | =        |           |          |            | ┢            | 1        |          |  |          | 70       | _              |          |           |          |          | _        |          |         | 1        |       | 120        |                 | 十        | $\top$   | $\vdash$   | $\vdash$        | 7         | _        | _ |
| 26 21          |        | <del>.  </del> - | ॗऻ             | =        |           |          | <u> </u>   | T            |          | П        |  |          | 71       |                |          |           | П        | T        | ヿ        | _        |         | 1        |       | 121        |                 |          | $\top$   |  |                 | $\neg$    |          | _ |
| 27 22          |        | 5 :              | =              | =        |           |          |            |              |          |          |  |          | 72       |                |          |           |          |          | 寸        |          |         | 1        |       | 122        |                 |          |          | T  |                 | $\neg$    |          | _ |
| 28 23          |        | 7 :              | =              | =        |           | П        | 1          |              |          |          |  |          | 73       | П              |          |           |          |          | $\neg$   | T        |         | 1        |       | 123        | П               |          |          |  | П               | T         |          |   |
| 29 24          |        | <i>i</i>         | =              | =        |           |          | T          | П            |          |          |  |          | 74       |                |          |           |          |          | 丁        |          |         |          |       | 124        |                 |          |          |  |                 |           |          |   |
| 30 25          |        | 7 :              | =              | =        |           |          |            |              |          |          |  |          | 75       |                |          |           |          |          |          |          |         |          |       | 125        |                 |          | 1_       |  |                 |           | $\Box$   |   |
| 31 26          | 6 C    | <u> </u>         | = [            | =        |           |          |            |              |          |          |  |          | 76       |                |          |           |          |          |          |          |         | ]!!!!    |       | 126        |                 |          |          |  |                 | $\Box$    |          |   |
| 32 27          |        |                  | <b>√</b>       | =        |           |          | <u> </u>   |              |          |          |  |          | 77       |                |          |           |          |          |          |          |         | ]        |       | 127        |                 | $\perp$  | $\perp$  |  | Ш               | $\Box$    |          |   |
| 33 28          |        | _                | ٧              | =        |           |          | <u> </u>   |              |          |          |  |          | 78       |                |          |           |          |          | _        |          | $\perp$ | <b>.</b> |       | 128        |                 |          |          | Ļ  |                 | _         |          | _ |
| 34 29          | _      | _                | 1              | =        |           |          | <u> </u>   | <u> </u>     | L        |          |  |          | 79       |                |          |           |          |          | _        |          |         | J        |       | 129        | Ш               | $\perp$  | ↓_       | _  |                 |           |          |   |
| 35 30          | _      | _                | <b>V</b>       | =        |           |          | L          | oxdot        | L        |          |  | <u> </u> | 80       |                |          |           |          | _        | 4        | $\perp$  |         | <b>.</b> |       | 130        | $\sqcup$        | $\perp$  | ļ.       | <u> </u>   | $\sqcup$        |           | _        | _ |
| 36 31          |        |                  | ÷              | =        |           |          | <u>L</u>   | <u> </u>     | <u> </u> |          |  |          | 81       |                |          |           | _        |          | _        |          |         | _        |       | 131        | $\sqcup$        | $\bot$   | —        | _  | $\vdash$        | _         | _        |   |
| 37 32          |        | _                | <b>√</b>       | =        |           |          | _          |              | <u> </u> |          |  |          | 82       |                |          |           |          | 4        | _        | $\dashv$ | - -     | 4        |       | 132        | -               | +        | +        | ╁  | $\sqcup$        | $\dashv$  | $\dashv$ | _ |
| 38 33          |        | -                | <u> </u>       | =        |           | _        | <u> </u>   | ļ            | _        |          |  |          | 83       | _              | _        |           | -1       |          |          |          | _       | -        |       | 133        |                 | -        | +        | ├-   | $\vdash$        | $\dashv$  | +        | _ |
| 39 34          |        | _                | <u> </u>       | =        | _         |          | <u> </u>   | ⊢            | ⊢        | _        |  | <b></b>  | 84       | 1              |          |           |          | $\dashv$ | -        | +        |         | -        |       | 134        | $\vdash$        | +        | +-       | ├—   | $\vdash$        | $\dashv$  | $\dashv$ | _ |
| 40 35          |        | _                | 4              | =        | _         | _        | L          | ├            | <u> </u> | _        |  | <u> </u> | 85       | <u> </u>       |          |           |          |          |          |          | _       | -        |       | 135        | -               | +-       | ┿        | ⊢  | $\vdash \vdash$ | $\dashv$  | +        | _ |
| 41 36          |        |                  | <del>/</del>   | =        | _         |          | -          | ├            | -        | -        |  |          | 86       | H              |          | -         | $\dashv$ | $\dashv$ | $\dashv$ | +        |         | 4        |       | 136        | -               | +        | +        | ⊢  | $\vdash\vdash$  | $\dashv$  | $\dashv$ | _ |
| 42 37          |        | -                | <del>- 1</del> | =        |           | H        | -          | ⊢            | $\vdash$ | -        |  |          | 87<br>88 | $\vdash$       | <u> </u> | $\vdash$  | Н        | $\dashv$ | -1       | +        | +-      | -        |       | 137<br>138 | $\vdash$        | +        | +        | $\vdash$   | $\vdash$        | $\dashv$  | +        | _ |
| 43 38          |        | -                | <u>۷</u>       | =        | -         | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |  | <u> </u> | 89       |                | -        | $\vdash$  | Н        | $\dashv$ | $\dashv$ | +        | +       | 1        | ļ     | 138        | $\vdash$        | +        | ╁        | $\vdash$   | $\vdash \vdash$ | $\dashv$  | +        | _ |
| 44 39<br>45 40 |        |                  | 7              | =        |           | H        | $\vdash$   | ⊢            | $\vdash$ | $\vdash$ |  | _        | 90       | <del> </del> − | $\vdash$ | Н         | Н        | $\dashv$ | $\dashv$ | +        | +       | 1        |       | 140        | $\vdash$        | $\dashv$ | +        | $\vdash$   | $\vdash$        | $\dashv$  | +        | _ |
| 46 41          |        |                  | _              | =        | _         | $\vdash$ | $\vdash$   | ⊢            | -        | $\vdash$ |  | <u> </u> | 91       | $\vdash$       | $\vdash$ | Н         | Н        | $\dashv$ | $\dashv$ | +        | +       | 1        |       | 141        | $\vdash$        | +        | +-       | $\vdash$   | $\vdash$        | $\dashv$  | +        | _ |
| 47 42          |        |                  | _              | =        | $\dashv$  | -        | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |  | $\vdash$ | 92       | $\vdash$       | -        | Н         | $\vdash$ |          | -+       | +        | +       | 1        |       | 142        |                 | +        | +        | $\vdash$   | $\vdash$        | $\dashv$  | $\dashv$ | _ |
| 48 43          |        |                  | $\rightarrow$  | =        | $\dashv$  |          | -          | ╁            | $\vdash$ | $\vdash$ |  |          | 93       | $\vdash$       | -        |           | $\vdash$ | $\dashv$ | +        | +        | +       | ┧Ш       |       | 143        | $\vdash$        | +        | +-       | $\vdash$   | $\vdash$        | $\dashv$  | +        | _ |
| 49 44          | _      | _                | $\overline{}$  | =        | $\dashv$  |          | T          | H            | T        | $\vdash$ |  | <u> </u> | 94       | 1              | _        | $\vdash$  | H        |          | +        | $\dashv$ | +       | 1        |       | 144        |                 | +        | +        | <del>                                     </del> | $\vdash$        | $\dashv$  | +        | _ |
| 50 45          |        |                  | _              | =        |           | _        |            | $\vdash$     |          |          |  | $\vdash$ | 95       |                | _        | $\vdash$  |          | $\dashv$ | $\dashv$ | $\dashv$ | +       | 1        |       | 145        | $\vdash$        | $\top$   | +        | T  | $\Box$          | $\dashv$  | 十        | _ |
| 51 46          |        | -                | _              | =        | _         |          | $\vdash$   |              |          |          |  |          | 96       |                | $\vdash$ | $\vdash$  | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\top$  | 1::::    |       | 146        |                 | $\top$   | +        | $\vdash$   | $\Box$          | $\dashv$  | 十        | _ |
| 52 47          |        | _                | -              | =        | $\exists$ |          | $\vdash$   | $\vdash$     | Т        |          |  |          | 97       | П              | _        | П         | Н        | $\dashv$ | _        | $\top$   | 十       | 1        |       | 147        | $\vdash$        | $\top$   | <b>†</b> | T  | П               | $\dashv$  | 十        | _ |
| 48             |        | _                | -              | -        |           |          | Т          |              | Т        |          |  |          | 98       | П              |          | П         | П        | $\dashv$ | 1        |          | 1       | 1        |       | 148        |                 | $\top$   | 1-       | Τ  | П               | $\dashv$  | $\top$   | _ |
| 49             |        | -                | -              | -        |           |          | Γ          |              |          |          |  |          | 99       | П              |          |           | $\Box$   |          | $\neg$   | $\neg$   |         | ]        |       | 149        |                 | 1        | 1        |  |                 | $\neg$    |          | _ |
| 50             |        | 1                | -              | -        |           |          |            |              |          |          |  |          | 100      |                |          |           |          | $\neg$   | T        |          |         | 7        |       | 150        |                 | $\top$   | Т        |  |                 | $\exists$ | $\top$   |   |